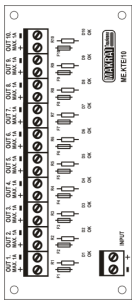
ME.80-14/6ASW-KTE CCTV CAMERA BUFFERABLE POWER SUPPLY DISTRIBUTION UNIT, USER'S MANUAL

ATTENTION! Touching of mains terminal after power connection is dangerous! Use of protective earthing is compulsory for safety purposes!
The connecting information is in the label of the power supply. Use appropriate wire size on the **OUT** connection.



WORKING MODES

1. Normal mode: 12 V output (default)

Connect mains to connector **AC IN 230 V 50/60 Hz.** Connect output **LOAD**. Pay attention to the proper polarity! Connect the cameras to **OUT 1**. - **OUT 10**. output. If the measured voltage at the cameras is dropped, (e.g. too long wire) increase the output voltage using trimmer potentiometer on the panel. Measure always the voltage at the camera power input.

OUT current each max.: 1 A (With resettable PTC)
OUT current together max.: 6 A
OUT voltage: 12 V to 13,8 V adjustable

STATE LED operation:
Output is OK (load): continuous or flashing green
Output is overloaded: continuous or flashing red

2. Buffer power pupply mode

Connect mains to connector **AC IN 230 V 50/60 Hz.** Connect output **BAT** to battery with wire and output **LOAD** to load. Pay attention to the proper polarity! Adjust the voltage on output **BAT** to 13.8 V by trimmer potentiometer. Connect the cameras to output **OUT 1**. - **OUT 10**.
ATTENTION! The output voltage is 13.8 V in this case! Install **ME.12V/1A** power supply unit into the house of camera which gives 12 VDC with max. current 1 A.
The charging procedure of the battery is automatic (I-U characteristic), no intervention is needed. In case of power-cut the battery deep discharge and break down is prevented by switching off loading at 10.5 V decreased battery voltage. After returning of power the charging process starts. If the charging voltage reaches 12.5 V on the battery the loading is reconnected. This solution is working with safe and avoiding possible trouble.

Connection of battery: red +; black -
OUT current each max.: 1 A (With resettable PTC)
OUT current together max.: 5,5 A
OUT voltage: 13.8 V

STATE LED operation:
Output is OK (load): flashing green
Battery mode: flashing green-red
Battery deep discharge: flashing red

Specifications:
Input voltage: 230 VAC ±10% 50/60 Hz
Output voltage: 12 to 13,8 VDC (adjustable)
Max. loading current: 6 A
Class of insulation: I.
Degree of protection: IP 20
Ambient temperature limit range: -10 °C …+50 °C
Max.battery size: 12V/7Ah
Dimensions: W=215 H=265 D=70+8 (mm)

Built-in protections against:
Overloading
Short-circuit,
Overheating
Overvoltage
Deep discharge
Changed polarity at battery (by fuse)